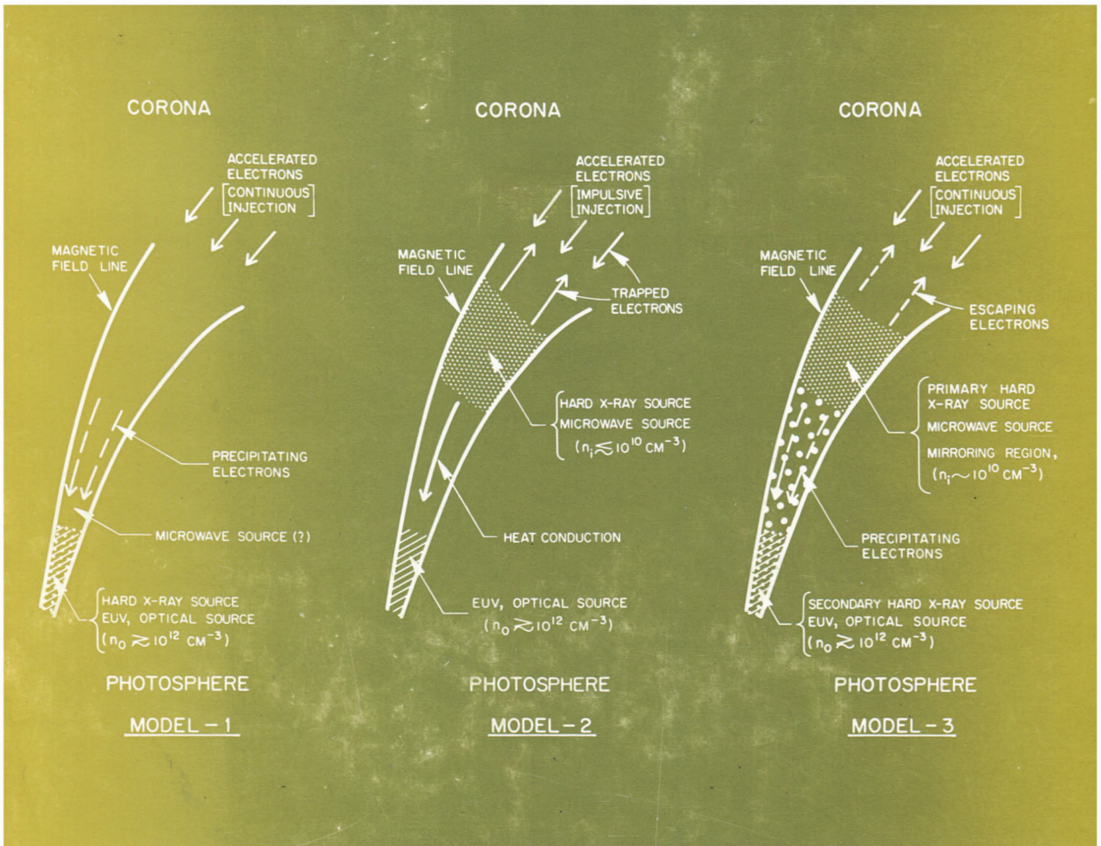


SOLAR GAMMA-, X-, AND EUV RADIATION

Edited by SHARAD R. KANE



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SOLAR GAMMA-, X-, AND EUV RADIATION

SYMPOSIUM No. 68

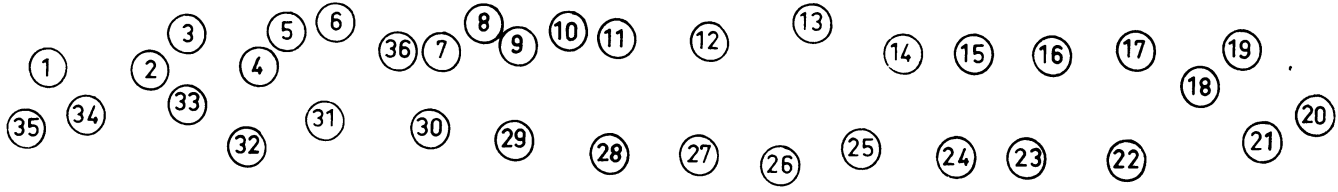
This symposium brought together the observational and theoretical aspects of the Solar Gamma-, X-, and EUV Radiation and other related solar emissions such as radio and energetic particles. There were three specific topics for the symposium, viz. X-ray and EUV emissions from solar active regions, EUV, X- and Gamma-emissions from solar flares, and mechanisms of hard photon emissions. Measurements of energetic electrons, protons and heavier nuclei and their relationship with the various electromagnetic emissions were also included so as to form a more complete picture of the solar phenomena in which these energetic particles might play a significant role. The papers presented at this symposium clearly demonstrated the large improvement in our understanding of the physical processes in the active regions and flares, made possible by the various spacecraft and ground-based observations carried out during the past few years. Many new results were presented. Skylab experimenters discussed their measurements related to the active regions and flares as well as the newly discovered solar features such as *coronal holes* and *bright points*. The proceedings of this symposium contain the full-length invited papers and summaries of the contributed papers.

Audience: Research workers in solar physics, solar terrestrial relationship. Can be used for supplementary reading in graduate courses in these fields.

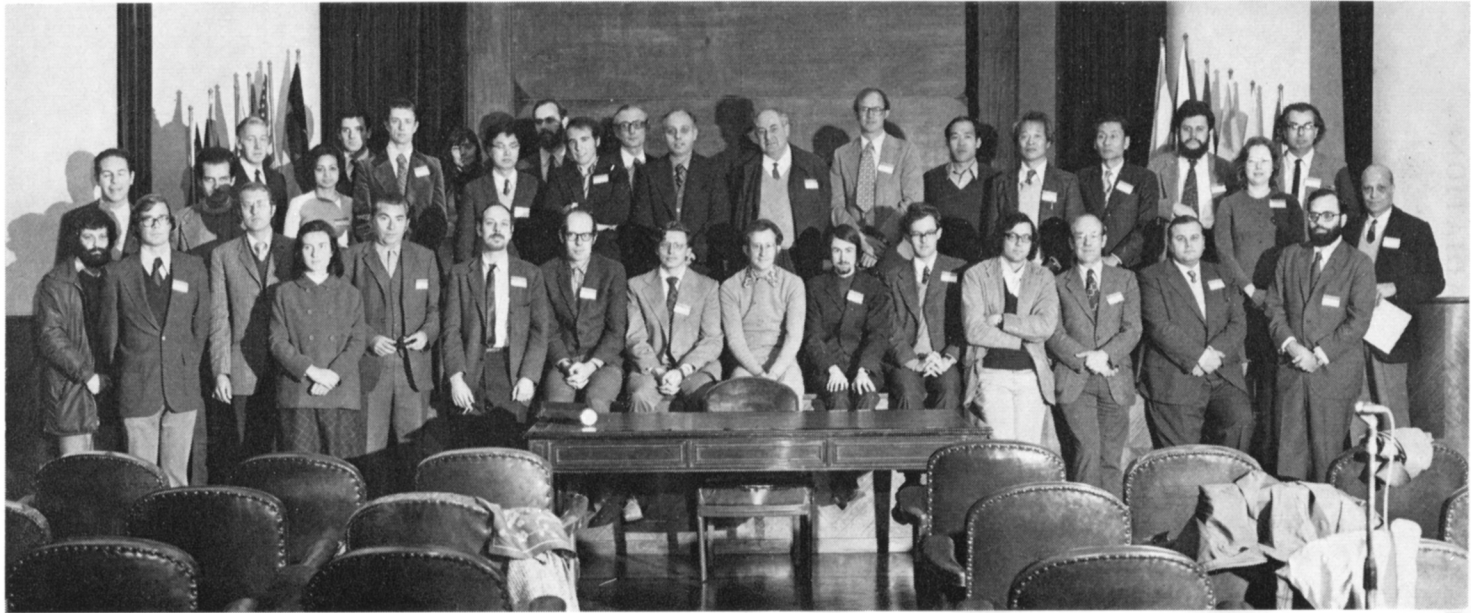
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